

# Japanese and Mongolian Usages of the Chinese Writing System

Kyoko Maezono  
Jena

## Introduction

In the 8th century, the Japanese used Chinese characters in order to write chronicles and poetry in the Japanese language. The earliest known works are 古事記 *Kojiki* “Records of Ancient Matters” (712 A.D.) and 万葉集 *Man'yôshû* “Collection of Ten Thousand Leaves” (759 A.D.). In comparison, the oldest known version of the Mongolian chronicle *Manghol-un Niuča Tobča'an* 元朝秘史 “Secret History of the Mongols” (hereinafter abbreviated as MNT) (13th–14th c.) was also written in Chinese characters.

The Chinese characters which were used to write Japanese and Mongolian have two features: sound and meaning, thus comprising phonetic and also semantic or symbolic aspects. In this paper I try to compare the usages of the Chinese characters between the Japanese and the Mongolian with their earliest language documents focusing on their symbolic aspects.

## Four Categories of Chinese Characters

While Chinese characters are traditionally being grouped into six categories, the following four categories are sufficient to classify those Chinese characters employed for Japanese and Mongolian.<sup>1</sup>

1. Some Chinese characters are pictographs 象形文字, simplified images of concrete objects in nature.  
日 ‘sun’, 月 ‘moon’, 山 ‘mountain’, 川 ‘river’, 木 ‘tree’
2. Some Chinese characters are ideographs 指事文字 which show abstract ideas; looking at a character we see the meaning immediately.  
一 ‘one’, 二 ‘two’, 三 ‘three’, 上 ‘up’, 下 ‘down’
3. Some Chinese characters are compound ideographs 会意文字, or combinations of meaningful parts.  
口 ‘mouth’ + 鳥 ‘bird’ = 鳴 ‘to sing (of a bird)’

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1 As 六書 (liùshū “Six Writings”) there are two more categories referring to usages of Chinese characters: 轉注文字 “derivative cognates” and 假借文字 “phonetic loan characters”.

山 ‘mountain’ + 石 ‘stone’ = 岩 ‘rock’

4. Many Chinese Characters are combination of semantic and phonetic components 形声文字; one part has the basic or symbolic meaning and another part the pronunciation. Over 90% of the Chinese characters belong to this category. They are namely radical-phonetic characters.

- a) One part for the same basic meaning shown by the radical:

日 ‘sun’

日 ‘sun’ + 王 ‘king, rule, magnate’ = 旺 ‘flourishing’

日 ‘sun’ + 青 ‘blue, green; green light’ = 晴 ‘nice weather’

- b) One part for the same pronunciation:

己 /ki/<sup>2</sup>

言 + 己 /ki/ = 記 /ki/

糸 + 己 /ki/ = 紀 /ki/

Chinese Characters indicating meaning and pronunciation in the Japanese text 古事記 *Kojiki* “Records of Ancient Matters”

#### The Five Grains “五穀”

In the oldest chronicle in Japan 古事記 *Kojiki* “Records of Ancient Matters” (712 A.D.) we often see the meaning of the Chinese character clearly. In this chronicle it is explained how the most important five grains “五穀” came to existence according to the legend.

故 所殺神於身生物者 於頭生蠶 於二目生(1)稻種 於二耳生(2)粟  
於鼻生(3)小豆 於陰生(4)麥 於尻生(5)大豆 (上 54:6-7)<sup>3</sup>

*So the things that were born in the body of the deity who had been killed were as follows: in her head were born silkworms, in her two eyes were born (1) rice-seeds, in her two ears was born (2) millet, in her nose were born (3) small beans, in her private parts was born (4) barley, in her fundament were born (5) large beans.*<sup>4</sup>

Reading aloud the 古事記 *Kojiki* “Records of Ancient Matters” we pronounce the words as follows after Chinese characters. The words (1) to (4) in Chinese

<sup>2</sup> The pronunciation is Chinese-Japanese.

<sup>3</sup> Cf. 青木和夫 Aoki, Kazuo et al. (ed.) (1982): 日本思想大系 *Nihon shisô taikai* “Japanese Thought System” 〈1〉古事記 *Kojiki*, 岩波書店 Iwanami Shoten、東京 Tokyo.

<sup>4</sup> Cf. Chamberlain, Basil Hall (1882 translated): *Kojiki* <http://www.sacred-texts.com/shi/kj/index.htm> (last access 2018-09-15)

characters are pronounced as Japanese words with Japanese pronunciation and the word (5) as a Chinese loan word with Sinojapanese pronunciation.

1. 稻 /ine/ 'rice'
2. 粟 /awa/ /aha/ 'millet, foxtail millet'
3. 小豆 /adzuki/ 'small beans, adzuki bean (Vigna angularis)'
4. 麦 /mugi/ 'barley, wheat'
5. 大豆 /daidzu/ 'large beans, soya bean (Glycine max)'

The 古事記 *Kojiki* "Records of Ancient Matters" was completely written in Chinese characters; some with Chinese grammar and Chinese meaning, some with Chinese meaning with Japanese grammar and pronunciation, and some with Chinese pronunciation without original Chinese meaning, producing a mixture of Japanese and Chinese.

### Chinese characters for the meaning and pronunciation in the Japanese text 万葉集 *Man'yôshû* "Collection of Ten Thousand Leaves"

- a) 稻 and 伊祢 /ine/ 'rice'

The Japanese word /ine/ 'rice (plant)' which is written in 古事記 *Kojiki* "Records of Ancient Matters" by its original Chinese character 稻 (稻) can be found in 万葉集 *Man'yôshû* "Collection of Ten Thousand Leaves" as original Chinese character as well as 伊祢 indicating its pronunciation without reference to any meaning of the Chinese characters.

If written as 稻, the meaning 'rice' is evident.

住吉之 岸乎田尔墾 蒔稻 乃而及蒔 不相公鴨 (author unknown) (Vol. 10–2244) Suminoe no, kishi wo ta ni hari, makishi ine, kakute karu made, ahanu kimi kamo

*Until we have harvested the rice which we planted in the field having cultivated the bank of Suminoe I haven't seen you.*

In the next poem we see the same word /ine/ 'rice' written with Chinese characters 伊祢 which mark only the pronunciation without any meaning inherent to the characters.

伊祢都氣波 可加流安我手乎 許余比毛可 等能乃和久胡我 等里弓奈氣可武 (author unknown) (Vol. 14–3459) I-ne tsukeba, kakaru aga te wo, koyoi mo ka, tono no wakugo ga, torite nagekamu

*Taking my hands which became so (rough) after hulling rice grains my lord will lament this evening, too.*

- b) 梅花 and 宇米能波奈 /ume no hana/ 'plum blossoms'

In the 万葉集 *Man'yōshū* “Collection of Ten Thousand Leaves” there are more poems with ‘plum blossoms’ than ‘cherry blossoms’. The choice of Chinese characters varies and can represent meaning or pronunciation.

In the poem /ume no hana/ ‘plum blossoms’ we see the characters 梅花 for its meaning ‘plum blossoms’.

春之雨者 弥布落尔 梅花 未咲久 伊等若美可聞 (大伴家持 Ōtomo no Yakamochi) (Vol. 4-786) Haru no ame wa, iyashiki furu ni, ume no hana, imada sakanaku, ito wakami kamo

*Spring rain is falling incessantly, plum blossoms are not yet blooming. Maybe (they are) still too young.*

In the next poem we see the same word only for its pronunciation without any meaning of the Chinese characters as 宇米能波奈 /u-me no ha-na/ ‘plum blossoms’.

和何則能尔 宇米能波奈知流 比佐可多能 阿米欲里由吉能 那何列久流加母 (大伴旅人 Ōtomo no Tabito) (Vol. 5-822) Waga sono ni, u-me no ha-na chiru, hisakatano, ame yori yuki no, nagare kurukamo

*Plum blossoms fall and scatter in my garden; is this snow come streaming from the distant heavens?<sup>5</sup>*

c) 櫻花 and 佐久良波奈 /sakura bana/ ‘cherry blossoms’

In the 万葉集 *Man'yōshū* “Collection of Ten Thousand Leaves” we happen to find the same word represented by different Chinese characters, for example the word (Jap) *sakura-bana* ‘cherry blossoms’: in many cases we find 櫻花 for its meaning but also as 佐久良波奈 for its Japanese pronunciation without Chinese meaning.

櫻花 時者雖不過 見人之 戀盛常 今之將落 (author unknown) (Vol. 10-1855) Sakura-bana, toki wa suginedo, miru hito no, kofuru sakari to, imashi chiruramu

*Cherry blossoms are falling even though it's not yet time, knowing that it were its best time admired by observers.*

In the next poem, the Chinese characters for the same meaning (Jap) /sa-ku-ra ba-na/ ‘cherry blossoms’ are written for their pronunciation without any underlying Chinese meaning.

<sup>5</sup> Cf. Levy, Ian Hideo, 中西 進 Nakanishi, Susumu et al. (2014): *Man'yō Luster* <万葉集 新装版> *Man'yōshū Shinsōban*, パイ インターナショナル PIE International, 東京 Tokyo: 266.

多都多夜麻 見都々古要許之 佐久良波奈 知利加須疑奈牟 和我可敞流刀  
 尔 (大伴家持 Ôtomo no Yakamochi) (Vol. 20-4395) Tatsutayama,  
 mitsutsu koekishi, sa-ku-ra ba-na, chirika suginamu, wa ga kaeru toni

*Cherry blossoms which I saw crossing over the mount Tatsutayama will be  
 probably falling when I'll come back.*

d) 得 and 衣 /e/ 'to get'

In the next poem we see that the same verb (Jap) *e*- 'to get', twice with the Chinese character for the meaning as 得 and once for the pronunciation as 衣.

吾者毛也 安見兒得有 皆人乃 得難尔為云 安見兒衣多利 (藤原鎌足  
 Fujiwara no Kamatari) (Vol. 2-95) Ware wa moya, Yasumiko etari, minahito  
 no ekate ni suto ifu, Yasumiko etari.

*I have got Yasumiko (name of a court lady) who should be difficult to get for  
 anyone at all. Such (a lady) Yasumiko I have got.*

It is a typical case that for the same word Chinese characters were sometimes used for the meaning and sometimes for the pronunciation.

## Chinese characters for the pronunciation in MNT

In §74 and §75 of the MNT, we find Mongolian edible plant names written in Chinese characters. They all reflect the Mongolian pronunciation without any reference to the meaning of the Chinese characters.

Mongolian	Source	Chinese	English
韓里 <sup>5</sup> 兒孫 林亦 <sup>中</sup> 齡 <sup>6</sup> mo-i-l-qo o-li-r-sun	§74: 5b-4	杜梨, 果名	'crab apples', 'bird cherries'
速敦 赤赤吉納 su-dun čiči-gi-na	§74: 6a-1	草根名, 草根名	'roots of the great burnet', 'roots of the silverweed'

6 I want to thank Oliver Corff for using his computer fonts for Chinese-Mongolian script in "Secret History of the Mongols". Cf. Corff, Oliver (2004): MnTTeX: Tools for Typesetting the Secret History of the Mongols. Version 0.3, December 26, 2004. [www.ctan.org/pkg/mnttex](http://www.ctan.org/pkg/mnttex) (last access 2019-03-29)

Cf. also Sumiyabaatar (1990): The Secret History of the Mongols -transcription, Ulaanbaatar, and 白鳥庫吉 Shiratori, Kurakichi (1943): 『音訳蒙文元朝秘史』 Onyaku Mōbun Genchō Hishi "The Secret History of the Mongols -transcription", 東洋文庫 Tōyō Bunko, 東京 Tokyo.

中合里牙 <sup>𠂔</sup> 兒孫 忙吉 <sup>𠂔</sup> 兒速(你) qa- li-ya-r-sun mong-gi-r-sun	§74: 6a-2	山薤, 薤	‘wild garlic’, ‘wild onion’
札兀 <sup>𠂔</sup> 合速 ja-yu-ya-su	§74: 6a-3	山丹根	‘wild lily bulbs’
中 <sup>𠂔</sup> 𠂔 <sup>𠂔</sup> 孫 忙吉 <sup>𠂔</sup> 兒速 yo-yo-sun mong-gi-r-su	§75: 6b-1	韮菜, 薤	‘wild leek’ ‘wild onion’

### Chinese characters used for pronunciation in the Japanese text 万葉集 *Man'yōshū* “Collection of Ten Thousand Leaves”

In Japanese there were five vowels distinguished with Chinese characters if they were not combined with consonants: e.g. 安 = a, 伊 = i, 宇 = u, 衣 = e and 於 = o.<sup>7</sup>

- |   |   |   |
|---|---|---|
| a | 安 | 安加胡麻乎 a-ka-go-ma-wo (Vol. 14-3536)<br>東歌 Azuma-uta ‘(riding) a chestnut stallion’ <sup>8</sup>                        |
| i | 伊 | 伊由伎米具礼流 i-yu-ki me-gu-re-ru (Vol. 17-3985)<br>大伴家持 Ōtomo no Yakamochi ‘(the river) goes through’                      |
| u | 宇 | 宇梅能波奈 u-me no ha-na (Vol. 20-4500)<br>市原王 Ichihara no Ōkimi ‘plum blossoms’   |
| e | 衣 | 伊麻波衣天之可 i-ma ha e-te-shi-ka (Vol.18-4133)<br>大伴家持 Ōtomo no Yakamochi ‘Now [I] want to get.’ <sup>9</sup>              |
| o | 於 | 於吉都思良奈美 o-ki-tsu shi-ra-na-mi (Vol. 15-3673)<br>遣新羅使 Ken Shiragi-shi (668-779) ‘white- crested waves in the open sea’ |

### (Mo) Vowels in Chinese characters in MNT

Five vowels were distinguished in the Chinese characters in MNT even though in the ‘Phags-pa script (1269–1368) of the same period distinguished eight vowels.<sup>10</sup>

<sup>7</sup> There are different theories concerning the number of the vowels in the Japanese of this period written in Chinese characters. Yet in the syllables without following a consonant only five vowels were distinguished.

<sup>8</sup> Cf. Vovin, Alexander (2012): *Man'yōshū* (Book 14): a new English translation containing the original text, Kana transliteration, Romanization, glossing and commentary, Global Oriental, Leiden: 223.

<sup>9</sup> Cf. Vovin, Alexander (2016): *Man'yōshū* (Book 18): a new English translation containing the original text, Kana transliteration, Romanization, glossing and commentary, Brill, Leiden: 152.

a) Five vowels without vowel harmony: a, e, i, o/ö and u/ü:

- a      阿      阿主兀 ajuyu ‘there was’ (§1: 1a–2)  
                  阿<sup>中</sup>合 aqa ‘elder brother’ (§11: 7b–1)
- e      額      額客 eke ‘mother’ (§18: 10b–3)  
                  額<sup>舌</sup>魯格 erüge ‘smoke-hole top of the tent’ (§21: 13a–1)
- i      亦      亦<sup>舌</sup>列罷 irebe ‘came’ (§1: 1a–3)  
                  亦刺阿<sup>舌</sup>里 ilayari ‘better, recovering’ (§131: 9b–2)

There was no difference between /o/ and /ö/ or between /u/ and /ü/. They were written with the same Chinese characters:

- o/ö    幹      幹<sup>舌</sup>羅周 oröju ‘coming in’ (§5: 3b–3)  
                  幹<sup>舌</sup>列-邊 öre-ben ‘his heart’ (§69: 1a)
- u/ü    兀      兀<sup>舌</sup>理答 urida ‘in former times’ (§18: 10b–2)  
                  兀者周 üjeü ‘seeing’ (§5: 3b–4)

b) No difference between /do/ and /dö/

No difference is to be seen in the Chinese characters between /do/ and /dö/.

- do/dö 朵      朵羅安 doloan ‘seven’ (§48: 30a–2)  
                  朵<sup>舌</sup>兒邊 dörben ‘four’ (§50: 31a–3)

c) No difference between /du/ and /dö/

/du/ and /dö/ were written with the same Chinese characters.

- du/dü 都      都<sup>舌</sup>刺 dura ‘wish’ (§185: 52b–3)  
                  都<sup>舌</sup>兒別周 dürbjeü ‘hurrying’ (§110: 15a–1)

d) No difference between /to/ and /tö/

/to/ and /tö/ were written with the same Chinese characters, too.

- to/tö 脫      脫孫 tosun ‘butter’ (§254: 24b–4)  
                  脫<sup>舌</sup>列<sup>克</sup>先 töregsen ‘born’ (§1: 1a–2)

10 Cf. Poppe, Nicholas (1954/1974), Introduction to Altaic Linguistics, Wiesbaden: 22–23. Cf. also 栗林均 Kuribayashi, Hitoshi and 松川 節 Matsukawa, Takashi (ed.) (2016): 『西藏歴史檔案薈粹』所収ノパスパ文字文書 (“Seizô Rekishi Tôan Waisui” shoshû Pasupa moji bunsho)、東北大学東北アジア研究センター、仙台 Tôhoku Daigaku Tôhoku Ajia Kenkyû-sentâ “Tohoku University, Center for Northeast Asian Studies”, Phags-pa Mongolian Documents in A Collection of Historical Archives of Tibet, Sendai: 107–110.

脱阿 toya ‘number’ (§229: 48b-3)

脱<sup>舌</sup>里<sup>楊</sup>格主爲 tōridgejügüi ‘detained’ (§197: 46a-4)

e) No difference between /tu/ and /tü/

/tu/ and /tü/ were also written with the same Chinese characters.

tu/tü 土 土撒 tusa ‘help’ (§92: 33b-3)

土綿 tümen ‘ten thousand’ (§106: 9a-2)

## Diacritical characters as pronunciation hints in MNT

In Japanese the Chinese characters were always used in the same size while in the MNT small characters were used as diacritical markers for those syllables without suitable match in Chinese, ending in e.g. -l (勒), -g (克), -b (卜), etc., <sup>舌</sup> ‘tongue’ to distinguish /r/ from /l/, <sup>中</sup> ‘in’ as velar fricative for /q/ and /ɣ/ etc.

馬<sup>舌</sup>闌勒 maral ‘doe, female deer’ (§1: 1a-3)

脱<sup>舌</sup>列<sup>克</sup>先 tōregsən ‘born’ (§74: 5b-5)

阿<sup>卜</sup>抽 abču ‘taking’ (§13: 8b-2)

阿<sup>中</sup>合 ‘elder brother’ aqa (§11: 7b-1) <sup>中</sup>合<sup>舌</sup>命 yar-un ‘hand’s’ (§280: 52a-1)

## Proper nouns in Chinese characters in MNT

Some place and personal names or name of one’s position were written as they were written originally in Chinese characters, e.g.

撫州 /Füjü/ ‘Fuzhou’ (§247: 2) (§248: 6b-5) ‘(Prefecture of) Fūjū’,

潼關 /Tungyuan/ ‘Tongguan (Pass)’ (§251: 12a-1),

王京-丞相 /Wangging-Čingsang/ ‘Wangjing Chengxiang’ (§248: 4a-3) (§248: 6b-2) (§248: 6b-5) ‘Minister of State (called) Wangging’.

## Symbolic meaning of Chinese characters in MNT

### (Mo) Chinese characters as indicators of symbolic meanings

Chinese characters were used to transcribe Mongolian phonetically in MNT. Yet every Chinese character contains in its nature concrete or abstract semantic features.



As follows, we find some usages of Chinese characters not limited to the concrete meaning as in Chinese but including some kind of indication of a symbolic meaning of the word.

- a) The Chinese character 米 ‘rice’ was used for the word ‘meat’ in MNT. It conveys perhaps the intention that the word ‘meat’ has a semantic feature ‘something to eat’:

米(中合) miqa ‘meat’ (§13: 8b-3)

- b) The Chinese character 厄 ‘misfortune; bad luck; evil; disaster’ was used for the word which has the meaning ‘sick’:

厄別臣 gbečín ‘sick’ (§227: 42a-4)

厄別楊臣 gbedčín ‘sick’ (§272: 21a-3) (§278: 44a-4)

### Radicals for the symbolic meaning in MNT

There are also systematic usages of the radicals of the Chinese characters to show the symbolic meaning of words as follows. The radicals have basic meanings of each character.

- a) The radical 水, 氵 ‘water’ is used in the word ‘river’ or river names.

幹難 沐<sup>舌</sup>漣 Onan müren ‘Onan River’ (§1: 1a-4)

騰汲思 Tengis ‘Tengis(-River)’ (§1: 1a-3)

- b) The radical 山 ‘mountain’ is used in the word ‘mountain’ or in the name of a mountain.

阿屾刺 ayula ‘mountain’ (§118: 30a-1)

不<sup>舌</sup>屾<sup>中</sup>罕<sup>中</sup>合<sup>勑</sup>敦 Burqan-Qaldun ‘(Mount) Burqan Qaldun’ (§1: 1a-4)

- c) The character itself and the radical 木 ‘tree, wood’ are used in the words ‘tree’ and ‘forest’.

木都納 mudun-a ‘at the tree’ (§117: 28b-2)

槐 hoi ‘forest’ (§12: 8a-2)

- d) The radical 馬 ‘horse’ can be found in the names of horses or in the words which have something to do with horses.

荅驛<sup>舌</sup>兒 孛<sup>舌</sup>驛<sup>中</sup>豁牙<sup>舌</sup>兒 曲驛<sup>兀</sup>楊 阿<sup>黑</sup>驛<sup>羽</sup>思禿 不列額

Dair boro qoyar külügü aytastu<sup>11</sup> bülege.

11 (Mo) külüg ‘A strong and swift horse’ and (Mo) ayta ‘gelding’.

‘(He) had two fine geldings, Dair and Boro’<sup>12</sup> (§3: 2b-3,4)

勺莎秃-騾<sup>𠂔</sup>騾 Josotu-Boro ‘Josotu-Boro (name of a horse)’ (§265: 1b-2,3)

秣<sup>𠂔</sup>騾刺罷 morilaba ‘set out on their horses/ set forth horse riding’ (§37: 22a-4) (§265: 1a-3)

秣<sup>𠂔</sup>騾納察 morin-aca ‘(fell) off the horse’ (§265: 1b-4)

- e) The radical 羊 ‘sheep’ was combined with a phonetic component /ne/ in the next word. It is obviously a new created character which is not found in 『康熙字典』<sup>13</sup> (1716). The radical 羊 ‘sheep’ gives the symbolic meaning to the word /nekei/ ‘sheep skin with its wool’.

[羊+呈]克 經額勒台 nekei degeltei ‘in a sheep skin coat’ (§112: 20b-3)

- f) The radical 鳥 ‘bird’ can be seen in several combinations. In the next example, a new character [克+鳥]<sup>14</sup> in the word (1) [克+鳥]<sup>𠂔</sup>列額 /kerege/ ‘crow’ was created to show the basic meaning 鳥 ‘bird’ with the pronunciation 克 /ke/. In the word (2) 中合鵞溫 /yalayun/ ‘goose’ we also see the radical 鳥 ‘bird’ with the pronunciation /la/. The character [中窟+鳥]<sup>15</sup> was created in the word (3) 脫[中窟+鳥]<sup>𠂔</sup>刺兀-泥 /toyurayun-n-i (= toyurayun + acc.)/ ‘crane’ for the symbolic meaning 鳥 ‘bird’ with the pronunciation 中窟 /yu/.

中合<sup>𠂔</sup>刺 (1) [克+鳥]<sup>𠂔</sup>列額 中合里速-可<sup>𠂔</sup>里速 亦啞古 札牙阿秃 孛額帖列

Qara kerege qalisu-körisü idekü jayayatu bögetele

(2) 中合鵞溫 (3) 脫[中窟+鳥]<sup>𠂔</sup>刺兀-泥 亦啞速 客延 者甲 阿主兀 (§111: 18a-2-4)

yalayun toyurayun-n-i idesü kegen ješin ajuyu.

To feed on scraps of skin Is the black (1) crow’s lot – yet

It was (2) goose and (3) crane It aspired to eat.

The radicals 鳥 ‘bird’ and 鼠 ‘mouse; rat’ can be found in the same passage; four times with the radical 鳥 ‘bird’ (1) (2) (5) (6) and twice with 鼠 ‘mouse; rat’ (3)

12 The translation is from: de Rachewiltz, Igor (2015): “The Secret History of the Mongols: A Mongolian Epic Chronicle of the Thirteenth Century” <http://cedar.wvu.edu/cedarbooks/4/> (last access 2018-09-16)

13 The Kangxi Dictionary 『康熙字典』 (1716) includes 49,030 Chinese characters.

14 not in Kangxi Dictionary 『康熙字典』

15 not in Kangxi Dictionary 『康熙字典』

(4). In the words (1) (4) (6) there are specially created combinations of radicals and phonetic indicators.

The radical 鳥 'bird' shows that the words with this radical are either 'bird' or the names of birds:

(1) [𪗇+鳥]刺都 /quladu/ name of a bird 'buzzard' (2) 失鴛溫 /šibayun/ 'bird' (5) 𪗇 /qun/ 'swan' and (6) 脱 [𪗇+鳥]𪗇刺兀泥 /toyurayun-i/ (= toyurayun + acc.) 'crane'.

The radical 鼠 'mouse; rat' is used that the words mean 'mouse' or 'rat':

(3) 𪗇忽𪗇中合納 /quluyana/ 'rats' and (4) 窟出[鼠+屈]捏 /küçügen-e/ 'mice'.

(1) [𪗇+鳥]刺都 卯兀 (2) 失鴛溫 (3) 𪗇忽𪗇中合納 (4) 窟出[鼠+屈]捏 亦啞古

Quladu mayu šibayun quluyana küçügen-e idekü

札牙(阿)禿 孛額帖列 (5) 𪗇 (6) 脱 [𪗇+鳥]𪗇刺兀泥 亦啞速 客延 者申

jayayatu bögetele qun toyurayun-i idesü kegen ješin

阿主兀 (§111: 18b-3-5)

aǰuyu.

To feed on (3) rats and (4) mice Is the (1) buzzard's, that vile (2) bird's lot – yet It was (5) swan and (6) crane It aspired to eat.

g) The radical 辵 'road; way; course' was used in various grammatical forms of the verb (Mo) /yabu-/ 'to go'.

釋鴛兀闌 迓步中灰-突𪗇兒 šibayulan yabuqui-dur 'going hunting with falcons' (§54: 34a-2)

迓步兀勒罷 yabuyulba 'set; let go' (§142: 33a-3,4)

h) The radical 目 'eye' was used for the symbolic meaning of the verb (Mo) /qara-/ 'to look'.

中合𪗇𪗇周 qaraǰu 'looked out and ...' (§5: 3b-2)

i) The radical (口) 'mouth' was used for words with activities with mouth (Mo) /ügüle-/ 'to say' and (Mo) /ide-/ 'to eat'.

鳴詰列𪗇論 ügülerün '(He) said' (§6: 4a-1)

亦啞古 idege 'eating' (§78: 11a-5) 亦啞額 idekü 'livestock' (§39: 23a-1) (§162: 32b-3)

j) The radical 手, 扌 ‘hand’ we find in various words with the verb stem (Mo) /bari-/ ‘to hold, grasp, take, seize’.

把<sup>𠂔</sup>里周 (§172: 11b-1) bariju ‘having brought in’

把<sup>𠂔</sup>里<sup>黑</sup>撒<sup>楊</sup> (§278: 38a-2) bariysad ‘seize (people) and ...’

## Conclusion

In the Japanese chronicle 古事記 *Kojiki* “Records of Ancient Matters” (712 A.D.) and in the poetry 万葉集 *Man’yôshû* “Collection of Ten Thousand Leaves” (759 A.D.) 973 Chinese characters were chosen to write down Japanese and used as follows:

1. The semantic-phonetic aspect of the Chinese script was used, namely meaning and pronunciation for Chinese loan words, e.g. 大豆 /dai-dzu/ ‘soya bean’.
2. The purely semantic aspect of the Chinese characters was used for meaning for originally Japanese words with Japanese pronunciation, e.g. 稻 (稻) /ine/ ‘rice’.
3. The purely phonetic aspect was used for pronunciation without any meaning of the Chinese characters, e.g. 伊祢 /i-ne/ ‘rice’.

In the Mongolian chronicle MNT (13th–14th c.) 563/ 571<sup>16</sup> Chinese characters were chosen to write down Mongolian and used as follows.

1. The phonetic aspect was employed without any regard to the meaning of the Chinese characters, e.g. 阿<sup>𠂔</sup>合 /a-qa/ ‘elder brother’. Small characters used as diacritics like 勒<sup>𠂔</sup>克<sup>𠂔</sup> 卜 were applied for those syllables without suitable match in Chinese, i.e. syllables ending in the consonants -l, -g, -b, etc. Small characters, again used as diacritical markers, like 𠂔<sup>𠂔</sup> were combined with characters e.g. 𠂔<sup>𠂔</sup>合 to transcribe Mongolian pronunciation better if it had no equivalent in the Chinese pronunciation system.
2. Some proper nouns were written as they were written originally in Chinese characters, e.g. 撫州 /Füjü/ ‘(Prefecture of) Fūjū’ (Fuzhou).
3. In addition to pronunciation, the character meaning was used for a symbolic meaning for the word, e.g. 厄<sup>別</sup>楊<sup>臣</sup> /ēbedčín/ ‘sick’. The Chinese character 厄 has the meaning ‘misfortune; bad luck; evil; disaster’ for the pronunciation /e/.

16 Hattori (1946) has 563 characters who counted small characters separately. Sumiyabaatar (1990) has 571 who counted small characters combined.

4. A part of the character, usually the radical, was used for a symbolic meaning. In the Chinese character 𠂔 we see the radical 馬 for the symbolic meaning ‘horse’ in the word 𠂔𠂔刺罷 /mo-ri-la-ba/ ‘set out on their horses’ etc. Some new characters were even created for this usage, e.g. 羊+𠂔 for the symbolic meaning 羊 ‘sheep’ with the pronunciation 𠂔 /ne/.

In the earliest Japanese chronicles and poetry of the 8th century the Chinese characters were used sometimes to show the meaning and sometimes the pronunciation. In the first Mongolian chronicle of the 13th–14th centuries the Chinese characters were used mainly to transcribe the Mongolian pronunciation. Yet here and there we see the intention to show the symbolic meaning of a word, sometimes a whole character but more often a part, radical, which has a certain symbolic meaning. It shows that Chinese characters which were used to transcribe Mongolian phonetically had the original nature as logograms and the purpose was to add some additional meaning.

## References

青木和夫 Aoki, Kazuo et al. (ed.) (1982): 日本思想大系 Nihon shisô taikai “Japanese Thought System” ① 古事記 Kojiki、岩波書店 Iwanami Shoten、東京 Tokyo.

Chamberlain, Basil Hall (1882 translated): *Kojiki* <http://www.sacred-texts.com/shi/kj/index.htm>

陳垣 Chén, Yuán (1934): 『元秘史譯音用字攷』 Yuan mishi yiyin yongzi gai “On the change of characters used in the phonetic translations of the Secret History of the Mongols” 北平 Beiping、国立中央研究院歷史語言研究所 Guoli zhongyang yanjiuyuan lishi yuyan yuanjiusuo. Institute of History and Philology, Academia Sinica.

<http://resolver.staatsbibliothek-berlin.de/SBB0000BE2900000000>

Corff, Oliver (2004): *MnTTeX: Tools for Typesetting the Secret History of the Mongols*. Version 0.3, December 26, 2004. [www.ctan.org/pkg/mnttex](http://www.ctan.org/pkg/mnttex).

de Rachewiltz, Igor (2015): “*The Secret History of the Mongols: A Mongolian Epic Chronicle of the Thirteenth Century*” <http://cedar.wvu.edu/cedarbooks/4/>

Haenisch, Erich (1962): *Wörterbuch zu Manghol un Niuca Tobca'an (Yüan-ch'ao pi-shi) Geheime Geschichte der Mongolen*, Franz Steiner Verlag GmbH, Wiesbaden.

服部四郎 Hattori, Shirô (1946): 『元朝秘史の蒙古語を表はす漢字の研究』 Genchô Hishi no Môkogo o arawasu kanji no kenkyû “Research on Chinese Characters Used for the Mongolian in The Secret History of the Mongols”、東京 Tokyo.

服部四郎 Hattori, Shirô (1976) 「上代日本語のいわゆる“八母音”について」 Jôdai Nihongo no iwayuru “8 Boin” ni tsuite “Concerning So-called Eight Vowels in Old Japanese”, in 日本学士院紀要 第34巻第1号, Nihon Gakushin Kiyô “Proceedings of the Japan Academy” Vol.34-1, 東京 Tokyo.

早田輝洋 Hayata, Teruhiro (1998): 上代日本語の音節構造とオ列甲乙の別 Jôdai Nihongo no onsetsu kôzô to o-retsû kô otsu no betsu “The Syllable Structure and the Distinction between o, and o2 in Old Japanese”, in: 音声研究 第2巻第1号 Onsei Kenkyû “Journal of the Phonetic Society of Japan”, Vol.2 No.1, Tokyo, 25-33.

栗林 均 Kuribayashi, Hitoshi (2006): 『元朝秘史』におけるモンゴル語音訳漢字書き分けの原則 — u/ü を表す漢字を事例として — “Genchô Hishi” ni okeru Mongorugo onyaku kanji kakiwake no gensoku — u/ü o arawasu kanji o jirei to shite — “On the Rule of Using Chinese Characters Denoting Mongolian Words in the Secret History of the Mongols”. In: 東北大学東北アジア研究センター『東北アジア研究』第10号 Tôhoku Daigaku Tôhoku Ajia Kenkyû-sentâ “Tôhoku Ajia Kenkyû” Tohoku University, Center for Northeast Asian Studies “Northeast Asian Studies” Vol. 10, Sendai, 75-92.

栗林 均 Kuribayashi, Hitoshi and 松川 節 Matsukawa, Takashi (ed.) (2016): 『西藏歴史檔案薈粹』所収バスパ文字文書 “Seizô Rekishi Tôan Waisui” Shoshû Pasupa Moji Bunsho、東北大学東北アジア研究センター、Tôhoku Daigaku Tôhoku Ajia Kenkyû-sentâ “Tohoku University, Center for Northeast Asian Studies” “Phags-pa Mongolian Documents in A Collection of Historical Archives of Tibet”, Sendai, 107-110.

Lessing, Ferdinand D et al. (ed.) (1960): *Mongolian-English Dictionary*, University of California Press, Berkeley and Los Angeles.

Levy, Ian Hideo, 中西 進 Nakanishi, Susumu et al. (2014): *Man'yô Luster* <万葉集 新装版> Man'yôshû Shinsôban, パイ インターナショナル PIE International, 東京 Tokyo, 266.

松本克己 Matsumoto, Katsumi (1975): “古代日本語母音組織考: 内的再建の試み” Kodai Nihongo boin soshiki-kô: Naiteki saiken no kokoromi “On The Vowel System of Ancient Japanese: An attempt of internal reconstruction”, in: Studies and essays by the Faculty of Law and Literature, Kanazawa University. Literature, 22: 083-152, Kanazawa.

[https://kanazawa-u.repo.nii.ac.jp/?action=pages\\_view\\_main&active\\_action=repository\\_view\\_main\\_item\\_detail&item\\_id=41065&item\\_no=1&page\\_id=13&block\\_id=21](https://kanazawa-u.repo.nii.ac.jp/?action=pages_view_main&active_action=repository_view_main_item_detail&item_id=41065&item_no=1&page_id=13&block_id=21)

Möngkedalai (2013): 『元朝秘史』のモンゴル語漢字音訳における音以外要素の関与について —モンゴル語音 ba の表記を事例として— “Genchô Hishi” no Mongorugo kanji onyaku ni okeru on igai yôso no kan'yo ni tsuite -Mongorugo-on ba no hyôki o jirei to shite-: On the usage of elements excepting phonetic elements in the transcription of Mongolian in “The Secret History of the

Mongols” with Chinese characters – Mongolian *ba* as example-, in: 島根県立大学 総合政策学会 『総合政策論叢』 第 26 号, 1–12, 島根. Shimane kenritsu daigaku, Sôgô seisaku gakkai “Sôgô seisaku ronsô”, The University of Shimane, Association for Policy Studies “Journal of Policy Studies” Vol.26, 1–12.

村上正二 Murakami, Masatsugu (1970, 1972, 1976): 『モンゴル秘史 1・2・3』 Mongoru-hishi 1,2,3 “The Secret History of the Mongols 1,2,3”、平凡社 Heibonsha, 東京 Tokyo.

Nelson, Andrew N. (1962/2002): *The New Nelson Japanese-English Character Dictionary*, Charles E. Tuttle Company: Publishers, Rutland, Vermont, Tokyo.

Poppe, Nicholas (1954/1974): *Grammar of Written Mongolian*, Otto Harrassowitz, Wiesbaden.

佐竹昭広 Satake, Akihiro, 木下正俊 Kinoshita, Masatoshi, 小島憲之 Kojima, Takayuki (1963/2015): 『補訂版 萬葉集 本文篇』 Hotei-ban Man'yôshû honbun-hen “Expanded Edition Man'yôshû Text”、塙書房 Hanawa Shobô, 東京 Tokyo.

佐竹昭広 Satake, Akihiro, 木下正俊 Kinoshita, Masatoshi, 小島憲之 Kojima, Takayuki (1972/2014): 『萬葉集 訳文篇』 Man'yôshû yakubun-hen “Man'yôshû in Modern Japanese”、塙書房 Hanawa Shobô, 東京 Tokyo.

白鳥庫吉 Shiratori, Kurakichi (1943): 『音訳蒙文元朝秘史』 Onyaku Môbun Genchô Hishi “The Secret History of the Mongols -transcription”、東洋文庫 Tôyô Bunko, 東京 Tokyo.

Sumiyabaatar, B. (1990): *The Secret History of the Mongols -transcription*, Ulaanbaatar.

Vovin, Alexander (2012): *Man'yôshû (Book 14): a new English translation containing the original text, Kana transliteration, Romanization, glossing and commentary*, Global Oriental, Leiden, 223.

Vovin, Alexander (2016): *Man'yôshû (Book 18): a new English translation containing the original text, Kana transliteration, Romanization, glossing and commentary*, Brill, Leiden, 152.

吉池孝一 Yoshiike, Koichi (2003): 元朝秘史の区分と音訳漢字の分布 Genchô Hishi no kubun to onyaku kanji no bunpu “Division of *the Secret History of the Mongols* and distribution of transcriptions with Chinese characters”, In: 『KOTONOHA』 6 号 “Word” Vol.6, Aichi.

張玉書 Zhang, Yushu et al. (ed.) (1716): 『康熙字典』 Kāngxī Zidiǎn, 1958/2004, 北京. Beijing